

# Professional Agreement Invoice and Progress Report

Idaho Transportation Department



**This page must be filled out monthly by the Consultant and forwarded to the Agreement Administrator with the monthly invoice. If necessary, attach additional sheets for continuation.**

Key Number	Project Number ITD RP 216	Project Name ITD Real Time Weather Response	Date 10/8/12
Agreement Administrator Ned Parrish		Progress Report Number KLK561-5	Agreement Number UI-12-01
Consultant			Report/Billing Period (From and To) 09/01/12-09/30/12
Certification of Payment Submitted <input type="checkbox"/> Yes <input type="checkbox"/> No	Certification Date	PSA Number	Invoice Number 3
<p>Description of Work Accomplished During the Month</p> <p>Work completed in this quarter covered three tasks: define system specification, system design, and data interface and analysis. The survivable weather-responsive traffic signal system developed as part of this project was evaluated and tested using a hardware-in-the-loop simulation testing environment. The traffic controller used in the model was selected to match the controllers used in the city of Moscow, Idaho, traffic signal system; however, the type of controller used did not affect the software or the system functionalities as all communication from the processing unit to the controller followed the NTCIP communication standards. The system did not have any restrictions on use regarding any proprietary data.</p> <p>Key focus areas for the next months include: 1) Work with NWS to facilitate lab testing of their control software and controllers prior to field deployment, 2) work with D-1, D-2, District Traffic Engineers &amp; IT staff to prepare for field implementation (Econolite and NWS may also need to get involved here), and 3) further testing of the system using different controllers &amp; communication.</p> <p>Summary of Work Completed to Date (Milestones Completed and Dates)</p> <p>See Gantt Chart</p>			
Information Required from ITD to Avoid Delays			
List Changes in Scope or Complexity Requiring a Supplemental Agreement or Time Adjustments			
Consultant's Signature		Printed Name and Title Ahmed Abdel-Rahim, Principal Investigator	

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Key Number	Program (Work Authority)	Progress Report Number 5	Agreement Number UI-12-01
Report Reviewed By			Review Date
The Following was Initiated			

## Status Report

A completed status report must accompany all Agreement invoices recommended for payment. The requested percentage measurements of progress to this report are required.

Agreement Time 16 months	Time Passed 5 months	Percent of Agreement Time Elapsed 31.25%	Percent of Work Completed 25%
Original Agreement Amount \$72,541.88	Supplemental(s) \$0.00	Current Agreement Amount \$72,541.88	Payments (Including this Payment) \$21,438.37
Percent of Agreement Dollars Paid 29.56%			
Certification of Payment Submitted <input type="checkbox"/> Yes <input type="checkbox"/> No	Certification Date	<b>Fixed Fee</b> \$	This Invoice \$
		To Date \$	Negotiated \$
If There is a Significant Variance Between the Percentages, Please Explain			
Consultant Invoice Number 3		This Payment Amount \$7,160.38	

**Progress Payment:** I certify that the Agreement provisions have been reviewed, the invoice amount checked, progress is substantiated, significant material expenses have support documentation (receipts), and the costs billed are project related and represent the work accomplished. I hereby approve the progress estimate for payment.

**Final Payment:** I certify that all work under the terms of the Agreement has been satisfactorily completed, any capital assets acquired have been delivered or value received, an affidavit of indebtedness received, and the project reviewed or audited and costs verified for work performed. I hereby approve final payment under the Agreement.

Agreement Administrator's Signature	Date	Second (Independent) Reviewer's Signature
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